

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((JOHANN) near2 (SCHREYER)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L2	4	((ERWIN) near2 (KNOTT)).INV.	USPAT; USOCR	OR	OFF	2010/03/23 15:56
L3	24	((ANDREAS) near2 (HAHN)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L4	316	"3507395" "4490331" "4643713" "5158533" "5162102" "5205153" "5270005" "5876611" "6302860" "6337049" "6632189" "6524267"	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L5	2	((JOHANN) near2 (SCHREYER)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L6	4	((ERWIN) near2 (KNOTT)).INV.	USPAT; USOCR	OR	OFF	2010/03/23 15:56
L7	24	((ANDREAS) near2 (HAHN)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L8	316	"3507395" "4490331" "4643713" "5158533" "5162102" "5205153" "5270005" "5876611" "6302860" "6337049" "6632189" "6524267"	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L9	1163	(604/4.01,5.01).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L10	662	(604/6.09,6.1).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L11	492	(604/6.14,6.15).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L12	907	(604/7,65,).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L13	1455	(604/67,73,405,406).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L14	1419	(600/16,17,18).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L15	920	(210/738,741).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L16	747	(210/744,799).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L17	1728	(210/805,90).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L18	843	(422/44,45,47).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56

L19	116	L8 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L20	107	L9 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L21	63	L10 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L22	136	L11 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L23	8	L12 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L24	16	L13 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L25	13	L14 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L26	2	L15 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L27	0	L16 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L28	2	L8 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L29	33	L9 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L30	14	L10 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L31	6	L11 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L32	21	L12 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L33	39	L13 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L34	33	L14 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L35	16	L15 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L36	23	L16 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L37	50	L17 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L38	1	L19 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L39	7	L20 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L40	2	L21 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L41	5	L22 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L42	0	L23 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56

L43	0	L24 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L44	2	("5,055,198").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 15:56
L45	89	("2804075"   "3896733"   "3965896"   "3993067"   "4006745"   "4014329"   "4033345"   "4047526"   "4631050"   "4744785"   "4772256"   "4796644"   "4798578"   "4867738"   "4874359"   "4886487"   "4898572"   "4976682").PN. OR ("5055198").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L46	94	L9 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L47	50	L10 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L48	84	L11 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L49	15	L12 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L50	15	L13 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L51	150	L14 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L52	1	L15 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L53	0	L16 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L54	0	L46 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L55	0	L47 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L56	0	L48 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L57	0	L49 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L58	0	L50 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L59	9	L51 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L60	0	L52 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L61	2	("5411706").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 15:56

L62	32	("3890969"   "3927980"   "3960657"   "4080958"   "4828543"   "4936759"   "5270005"   "5300015").PN. OR ("5411706").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L63	2	("4902476").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 15:56
L64	27	("2146141"   "2399484"   "4138288"   "4138464"   "4424190"   "4428934"   "4559999"   "4653577").PN. OR ("4902476").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L65	2	((JOHANN) near2 (SCHREYER)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L66	4	((ERWIN) near2 (KNOTT)).INV.	USPAT; USOCR	OR	OFF	2010/03/23 15:56
L67	24	((ANDREAS) near2 (HAHN)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L68	316	"3507395" "4490331" "4643713" "5158533" "5162102" "5205153" "5270005" "5876611" "6302860" "6337049" "6632189" "6524267"	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L69	2	((JOHANN) near2 (SCHREYER)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L70	4	((ERWIN) near2 (KNOTT)).INV.	USPAT; USOCR	OR	OFF	2010/03/23 15:56
L71	24	((ANDREAS) near2 (HAHN)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L72	316	"3507395" "4490331" "4643713" "5158533" "5162102" "5205153" "5270005" "5876611" "6302860" "6337049" "6632189" "6524267"	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L73	1163	(604/4.01,5.01).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L74	662	(604/6.09,6.1).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L75	492	(604/6.14,6.15).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L76	907	(604/7,65,).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L77	1455	(604/67,73,405,406).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L78	1419	(600/16,17,18).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56

L79	920	(210/738,741).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L80	747	(210/744,799).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L81	1728	(210/805,90).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L82	843	(422/44,45,47).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L83	116	L72 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L84	107	L73 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L85	63	L74 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L86	136	L75 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L87	8	L76 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L88	16	L77 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L89	13	L78 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L90	2	L79 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L91	0	L80 and oxygenator and bubbles and pump	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L92	2	L72 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L93	33	L73 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L94	14	L74 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L95	6	L75 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L96	21	L76 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L97	39	L77 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L98	33	L78 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L99	16	L79 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L100	23	L80 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L101	50	L81 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L102	1	L83 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56

L103	7	L84 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L104	2	L85 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L105	5	L86 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L106	0	L87 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L107	0	L88 and ((air bubbles) adj pump)	US-PGPUB; USPAT	OR	OFF	2010/03/23 15:56
L108	2	("5,055,198").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 15:56
L109	89	("2804075"   "3896733"   "3965896"   "3993067"   "4006745"   "4014329"   "4033345"   "4047526"   "4631050"   "4744785"   "4772256"   "4796644"   "4798578"   "4867738"   "4874359"   "4886487"   "4898572"   "4976682").PN. OR ("5055198").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L110	94	L73 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L111	50	L74 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L112	84	L75 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L113	15	L76 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L114	15	L77 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L115	150	L78 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L116	1	L79 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L117	0	L80 and heart-lung	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L118	0	L110 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L119	0	L111 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L120	0	L112 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L121	0	L113 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L122	0	L114 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56

L123	9	L115 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L124	0	L116 and air adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L125	2	("5411706").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 15:56
L126	32	("3890969"   "3927980"   "3960657"   "4080958"   "4828543"   "4936759"   "5270005"   "5300015").PN. OR ("5411706").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56
L127	2	("4902476").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 15:56
L128	27	("2146141"   "2399484"   "4138288"   "4138464"   "4424190"   "4428934"   "4559999"   "4653577").PN. OR ("4902476").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 15:56

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L129	576	604/4.01,5.01,6.09,6.1,6.14 and (venous adj line) and (bubble adj sensor) and (air adj filter) and (blood adj oxygenator) and (arterial adj line) and (first adj pump) and (second adj pump) and (outlet adj port) and (cardiotomy adj reservoir)".clm"	USPAT; UPAD	OR	OFF	2010/03/23 16:01
L130	540	(venous adj line) and (bubble adj sensor) and (air adj filter) and (blood adj oxygenator) and (arterial adj line) and (first adj pump) and (second adj pump) and (outlet adj port) and (cardiotomy adj reservoir)".clm"	US-PGPUB	OR	OFF	2010/03/23 16:02

**3/23/2010 4:03:35 PM****C:\Documents and Settings\itreyger\My Documents\EAST\Workspaces\10586060.wsp**